Index of Claims

| Application/Control No. | App | icat | ion/C | Control | No. |
|-------------------------|-----|------|-------|---------|-----|
|-------------------------|-----|------|-------|---------|-----|

10/828,495

Examiner

Thanh Y. Tran

Applicant(s)/Patent under Reexamination

PARTRIDGE ET AL.

Art Unit

2822

| √ | Rejected |
|---|----------|
| = | Allowed  |

|          | ′ <u> </u> | (Through numeral)<br>Cancelled |
|----------|------------|--------------------------------|
| <b>.</b> | ÷          | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      |              |                 |               | D        | ate      |          |          |          |          |       | Cla             | im       |            |         |         | Dat          | e  |             |          |          | CI           | aim        |                 |               |          | Da       | te       |                |          | $\Box$   |
|--|----------|--------------|-----------------|---------------|----------|----------|----------|----------|----------|----------|-------|-----------------|----------|------------|---------|---------|--------------|--|-------------|----------|----------|--------------|------------|-----------------|---------------|----------|----------|----------|----------------|----------|----------|
|  | 757      | ~            |                 | T             |          | T        | T        |          |          |          |       |                 | <u>m</u> | T          |         |         |              |  |             |          |          |              |            |                 | T             |          |          |          |                |          |          |
| Final  | Original | 1/20/07      |                 |               |          |          |          |          |          |          |       | Final           | Original | 1          |         |         |              |  |             |          |          | Final        | Original   | 1               |               |          |          |          |                |          |          |
| Ē  | Žić      | 1/2          |                 | - 1           |          |          |          |          |          |          |       | 遣               | کتاز     |            |         |         |              |  |             |          |          | 這            | Ë          |                 |               |          |          |          |                |          |          |
|  | )        | L            |                 | $\perp$       |          |          |          |          |          |          |       |                 |          |            | $\bot$  |         |              |  |             |          |          |              |            |                 |               |          |          |          |                |          | _        |
|  | 1        | 7            |                 |               |          |          |          |          |          |          |       |                 | 51       |            |         |         |              |  |             |          |          |              | 101        |                 |               | ┙        |          |          |                |          |          |
|  | 2        | 7            |                 |               |          |          |          |          |          |          |       |                 | 52       |            |         |         |              |  |             |          |          |              | 102        |                 |               |          |          |          |                |          |          |
|  | 3        | 1            |                 |               |          |          |          |          |          |          |       |                 | 53       |            |         |         |              |  |             |          |          |              | 103        |                 |               | $\perp$  |          |          |                | _        |          |
|  | 4        | 7            |                 |               |          |          |          |          |          |          |       |                 | 54       |            |         |         |              |  |             |          |          |              | 104        |                 |               | $\perp$  | $\perp$  |          |                | $\Box$   |          |
|  | 5        | √            |                 |               |          |          |          |          |          |          |       |                 | 55       |            |         |         |              | Ш  |             |          |          |              | 105        |                 |               |          |          |          | Ш              | ]        |          |
|  | 6        | 4            | Ш               | $\perp$       |          | $\perp$  | $\perp$  |          |          |          |       |                 | 56       |            |         |         |              |  |             |          | J        |              | 106        |                 |               |          | _ _      |          |                | _        |          |
|  | 7        | 1            |                 |               |          |          | $\perp$  |          |          |          |       |                 | 57       |            | _ _     | $\perp$ |              |  | _           |          | 1        |              | 107        |                 |               | $\perp$  | _        | <u> </u> |                | _        | _        |
|  | 8        | 1            |                 |               |          |          |          |          |          |          |       |                 | 58       |            |         |         |              |  | _           | $\perp$  |          |              | 108        |                 |               |          |          | _        |                |          |          |
|  | 9        | √            |                 | $\perp$       |          |          | $\perp$  |          |          |          |       |                 | 59       |            |         |         | ⊥_           |  | _           |          |          |              | 109        |                 |               | ┵        |          | _        | Ш              | _        |          |
|  | 10       | 1            |                 | _             |          |          | _        | _        |          | _        |       |                 | 60       |            | $\perp$ | $\perp$ |              |  | _ _         | _ _      | <b>J</b> |              | 110        |                 |               | $\perp$  | _        | $\perp$  | Ш              |          |          |
| L  | 11       | 1            | Ш               | _             |          | _        | _        |          |          |          |       |                 | 61       | $\Box$     | _       | _       | <u> </u>     | $\sqcup$   |             |          | 4        |              | 111        | $\sqcup$        | $\dashv$      | 4        | $\bot$   | $\perp$  | Ш              |          |          |
|  | 12       | 1            | $\sqcup$        | _             | _        | _        | _        |          | _        | _        |       |                 | 62       | $\Box$     | _       | $\perp$ | ↓_           | <u> </u>   | _           | _ _      | 1        |              | 112        | $\sqcup$        | $\dashv$      | $\bot$   | $\bot$   | $\perp$  | Ш              | _        | _        |
|  | 13       | 1            | $\sqcup$        | _             | _        | 4        | _        | _        | $\dashv$ |          |       |                 | 63       | Ц.         | _       | $\perp$ | <del> </del> | $\sqcup$   | _           | 4        | 4        | <u></u>      | 113        | $\sqcup$        |               | $\bot$   | $\bot$   | 4        | Ш              |          | _        |
|  | 14       | 1            | $\sqcup$        | _             | _        | _ _      |          |          | _        | _        |       | L               | 64       | $\sqcup$   | $\perp$ | $\perp$ | $\perp$      | $\sqcup$   |             | 4_       | 4        | ļ            | 114        | -               | _             | $\perp$  | $\perp$  | -        | Щ              | _        | $\dashv$ |
|  | 15       | 1            | Ш               | 4             | _        | $\perp$  | _        | _        | _        | _        |       |                 | 65       | $\perp$    | $\perp$ | +       | $\bot$       | $\sqcup$   | $\dashv$    | 1        | 4        |              | 115        | $\sqcup$        | _             | _        | +        | ╄-       |                | _        | Н        |
|  | 16       | 1            | $\sqcup$        | 4             | _        | $\dashv$ | $\dashv$ | _        | _        |          |       |                 | 66       | 4          |         | - -     | 4-           | $\sqcup$   | $\dashv$    | _        | 4        | <u> </u>     | 116        | <u> </u>        | _             | _ _      | $\bot$   | ╄-       | Ш              |          |          |
|  | 17       | 1            |                 | 4             | _        | _        | 4        | ļ        | _        | _        |       |                 | 67       | $\sqcup$   | $\bot$  | $\perp$ | $\perp$      | $\sqcup$   | $\dashv$    | _        | 4        | L            | 117        | -               | _             | $\dashv$ | $\bot$   | ↓_       | Ш              | _        | Щ        |
|  | 18       | 1            | $\sqcup$        | _             | $\perp$  | _        | _        |          | 4        | _        |       |                 | 68       |            | _ _     | _       |              |  |             | _        | 4        |              | 118        |                 |               |          | 4        | 4_       | Ш              |          | $\dashv$ |
|  | 19       | 1            |                 | $\rightarrow$ | $\perp$  | 4        | _        | _        | 4        | _        |       |                 | 69       | _          | _       | _       |              |  | _           | _        | 4        |              | 119        |                 |               | 4        |          |          | _              | _        | Н        |
|  | 20       | 1            | Ш               | 4             | 4        |          | _        | _        |          | _        |       |                 | 70       |            | _       | _       | ļ            |  | _           |          | 4        |              | 120        |                 | $\perp$       | $\perp$  |          | 1        | Ш              | $\dashv$ | Щ        |
|  | 21       | <b>V</b>     | $\sqcup$        | _             | _        | $\perp$  | _        | _        | 4        | _        |       |                 | 71       | _          | _       | _       | $\bot$       |  |             | <u> </u> | 4        |              | 121        |                 | $\perp$       | $\bot$   | $\perp$  | <u> </u> | Ш              | _        | Щ        |
|  | 22       | 1            |                 | _             | _        | _        | 4        | _        |          |          |       |                 | 72       |            | $\perp$ | _       |              | Ш  |             |          | 4        | L            | 122        |                 |               | $\perp$  | -        | _        | Ш              | $\dashv$ | $\perp$  |
| L  | 23       | <b>√</b>     |                 | _             | _ -      | _        | _        | _        | _        |          |       |                 | 73       | _          | $\perp$ | $\perp$ | _            | Ш  | _           |          | 4        |              | 123        |                 | -             | 4        | -        | 1_       |                | $\dashv$ | $\vdash$ |
| ļ  | 24       | 7            |                 | _             | 4        | 4        |          | _        | _        |          |       |                 | 74       |            | -       |         | -            | -  |             |          | 4        |              | 124        |                 | $\rightarrow$ | +        | _        | 1        | _              |          | $\vdash$ |
| <u> </u>   | 25       | 4            | $\sqcup$        | 4             | 4        | 4        | _‡       | _        | 4        | _        |       |                 | 75       |            | _ _     | _       | +            | -  |             | _        | 4        |              | 125        |                 | $\perp$       | +        |          | -        | _              | -        | $\vdash$ |
|  | 26       | 1            | Н               | $\dashv$      | $\dashv$ | 4        | 4        | $\dashv$ | -        | _        |       |                 | 76       |            |         | -       | ┼            |  |             |          | -        |              | 126        |                 | $\vdash$      | +        |          | -        | -              |          | $\dashv$ |
| <u> </u>   | 27       | 1            | $\vdash \vdash$ | 4             | 4        | _        | _        | _        | 4        |          |       |                 | 77       |            | -       | - -     |              |  |             | -        | -        |              | 127        | $\Box$          | $\vdash$      | +        |          |          | -              |          | $\dashv$ |
|  | 28       |              |                 | $\dashv$      | +        | 4        | 4        | $\dashv$ | 4        | _        |       |                 | 78       | 4          |         |         | -            | Н  |             |          | -        |              | 128        | $\vdash$        | +             | $\dashv$ | _        | +        |                |          | $\vdash$ |
| <u> </u>   | 29       |              | $\vdash$        | -             | -        | $\dashv$ | }        | $\dashv$ |          |          |       |                 | 79       | -          | +       | +       | +            |  | +           |          | 4        |              | 129        | $\vdash$        | $\vdash$      | +        | +        | ╀        | Н              | $\dashv$ | $\vdash$ |
| <u> </u>   | 30       |              | $\vdash \vdash$ | $\dashv$      | $\dashv$ |          |          | $\dashv$ | -        | _        |       |                 | 80       | -          | +       | +       | +            | $\vdash$   | -           | -        | 4        |              | 130        | $\vdash$        |               | -        |          | +-       | Н              | -        | $\dashv$ |
| $\vdash$   | 31       | _            | $\vdash \vdash$ | $\dashv$      | +        | +        | $\dashv$ | $\dashv$ | -        | 4        |       |                 | 81       | $\dashv$   | +       |         | +            | H  | $\dashv$    |          | -        |              | 131        | -               | -             |          | -        | +        | $\vdash$       | $\dashv$ | $\vdash$ |
| ļ  | 32       | -            | $\vdash$        | $\dashv$      | +        | +        | $\dashv$ | $\dashv$ | -        | _        |       |                 | 82       | -          | -       | -       | +            | $\vdash$   |             |          | 1        | <u> </u>     | 132        | $\vdash \vdash$ | $\dashv$      | +        | +        | +-       | $\vdash$       |          | Н        |
|  | 33       | <u> </u>     | $\vdash \vdash$ | -             | -        | +        | -+       | -        | +        | _        |       |                 | 83       | $\dashv$   | +       | +       | +            | $\vdash$   |             |          | 1        | <u> —</u>    | 133<br>134 | $\vdash \vdash$ | +             | +        | +        | +        | $\vdash$       |          | $\vdash$ |
|  | 34<br>35 | -            | $\vdash \vdash$ | $\dashv$      | -        | +        | $\dashv$ | -        | $\dashv$ | -        |       | <b>_</b>        | 84<br>85 | $\dashv$   | +       | +       | +            | Н  | +           | +        | -        |              | 134        | $\vdash \vdash$ | +             | +        | +        | +        | Н              |          | $\dashv$ |
| <del>                                     </del> |          | $\vdash$     | $\vdash$        |               | $\dashv$ | +        | $\dashv$ | -        |          |          |       |                 | 86       | $\dashv$   | +       | +       | +            |  | -           |          | -        |              | 136        | $\vdash \vdash$ | +             | +        | +        | +        |                |          | 一        |
| $\vdash$   | 36<br>37 | $\vdash$     | $\vdash \vdash$ | -             | -        | -        | $\dashv$ | -        | $\dashv$ |          |       |                 | 87       | $\dashv$   | +       | +       | +-           | Н  |             | +        | -        |              | 137        | $\vdash \vdash$ | +             | +        | +        | +        |                |          | 一        |
|  | 38       | -            | $\vdash$        | -+            | $\dashv$ | $\dashv$ | -+       |          | $\dashv$ | -        |       | -               | 88       | $\dashv$   |         | +-      | +-           | -  |             | +        | 1        |              | 137        | $\vdash \vdash$ | +             | +        | +        | +        | $\vdash\vdash$ | $\dashv$ | $\vdash$ |
| }  | 39       |              | $\vdash \vdash$ | $\dashv$      | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        |       |                 | 89       | $\dashv$   | +       | +       | +            | $\vdash$   | $\dashv$    | +        | 1        |              | 139        | $\vdash \vdash$ | +             |          | +        | +-       | Н              | $\dashv$ | $\dashv$ |
| <del>                                     </del> | 40       |              |                 | $\dashv$      | +        | +        | +        |          | $\dashv$ | -        |       | <u> </u>        | 90       | -          | -       | +       | +            | <del>                                     </del> | -           | +-       | 1        | <b></b>      | 140        | $\vdash \vdash$ | $\dashv$      | $\dashv$ | $\dashv$ | +        | $\vdash$       |          | -        |
| $\vdash$   | 41       | <del> </del> |                 | $\dashv$      | $\dashv$ | +        | -        |          | $\dashv$ | $\dashv$ |       | $\vdash$        | 91       | $\dashv$   |         | +-      | +-           |  | -+          | +        | 1        | <del> </del> | 141        | $\vdash \vdash$ | +             | ╁        | +        | +        | Н              | $\dashv$ | $\dashv$ |
| <b>-</b>   | 41       | H            | $\vdash$        | +             | $\dashv$ | +        | -        | $\dashv$ | $\dashv$ | $\dashv$ |       | $\vdash$        | 92       | $\dashv$   | +       | +       | +-           | $\vdash$   | -+          |          | 1        | <del></del>  | 142        | $\vdash$        | +             | +        | +        | +        | $\vdash$       | $\dashv$ | $\dashv$ |
| <b></b>  | 42       | -            | $\vdash$        | +             | -+       | +        | -        | $\dashv$ | -+       |          |       | $\vdash$        | 93       | $\dashv$   | +       | +       | +            | $\vdash$   |             | +-       | ┨        | <b></b>      | 143        | $\vdash$        | +             | +        | +        | +        | $\vdash$       | $\dashv$ | $\dashv$ |
| <u> </u>   | 43       | -            | $\vdash$        | $\dashv$      | +        |          | -+       | -        | $\dashv$ | $\dashv$ |       | $\vdash \dashv$ | 94       | +          | +       | +       | +            | $\vdash$   | +           | +        | łiii     | <u> </u>     | 144        | $\vdash\vdash$  | $\dashv$      | +        | +        | +        | $\vdash$       | $\dashv$ | $\dashv$ |
|  | 45       | $\vdash$     |                 | $\dashv$      | +        | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |       |                 | 95       | $\vdash +$ | +       | +       | +-           | $\vdash$   | <del></del> | +-       | ╢        | <u> </u>     | 145        | $\vdash \vdash$ | +             | +        | +-       | +        |                |          | $\dashv$ |
| <u> </u>   | 46       | _            | $\vdash$        | $\dashv$      | $\dashv$ | $\dashv$ | -        | -        | +        | $\dashv$ |       |                 | 96       | +          | -       | +       | +-           | $\vdash$   | -           | +        | 1        |              | 146        | $\vdash$        | +             | +        | +        | +-       | Н              | $\dashv$ | 一        |
| <u> </u>   | 46       | _            | ┝╾┼             | $\dashv$      | $\dashv$ | +        | -+       |          | +        | -        |       | $\vdash$        | 97       | $\dashv$   | +       | +       | +            | $\vdash$   | +           | +        | ┨∭       | <u> </u>     | 147        | $\vdash \vdash$ | $\vdash$      | +        | +        | +        | $\vdash$       | $\dashv$ | $\dashv$ |
|  | 47       | _            | $\vdash \vdash$ | $\dashv$      | +        | +        | -+       | +        | $\dashv$ |          |       |                 | 98       | $\dashv$   | +       | +       | +            | -  | +           | +        | 1        | <u> </u>     | 148        |                 | +             | +        | +        | +-       | $\vdash$       | $\dashv$ | $\vdash$ |
| $\vdash \vdash$                                  | 48       | <u> </u>     | $\vdash \vdash$ | $\dashv$      | +        | $\dashv$ | -+       | -        | $\dashv$ | $\dashv$ |       | <b> </b>        | 99       | +          | +       | +       | +-           | $\left  - \right $                               | +           | +        | 1        |              | 148        | $\vdash \vdash$ | +             | +        | +        | +        | Н              | $\dashv$ | $\dashv$ |
| $\vdash$   | 50       |              | $\vdash$        | $\dashv$      | +        | $\dashv$ | -+       |          | -+       | -        |       |                 | 100      | -          |         | +       | +            | $\vdash \vdash$                                  | +           | +        | 1        | <del> </del> | 150        | $\vdash$        | +             | +        | +        | ╁        | Н              | $\dashv$ | $\dashv$ |
| ш  | ຼວບ      |              | Щ               | L             | _L       |          |          |          |          |          | ::::: |                 | 100      |            | _,,     |         |              | Щ.   |             |          | ]:::::   | L            | LIOU       |                 |               |          | _1_      |          | Ш              |          | لب       |